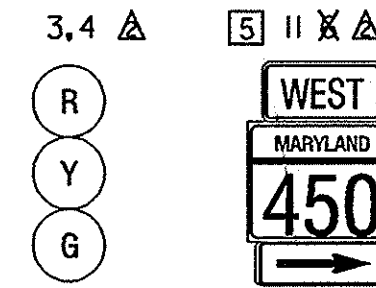
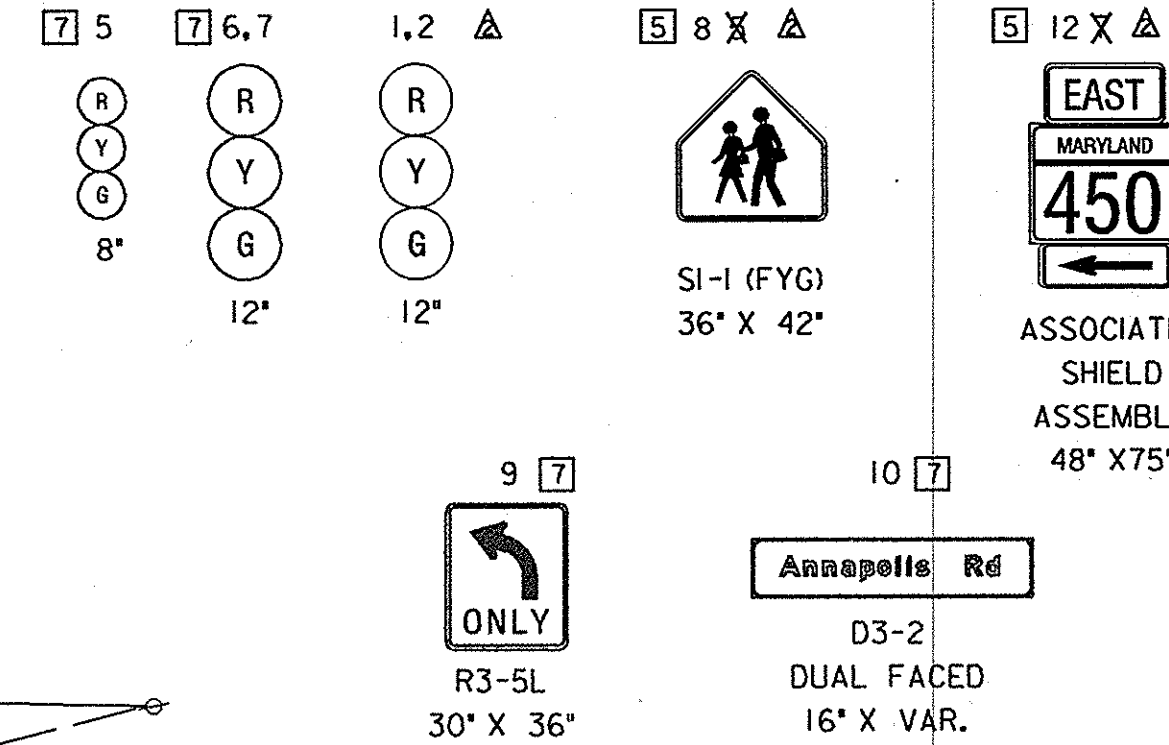


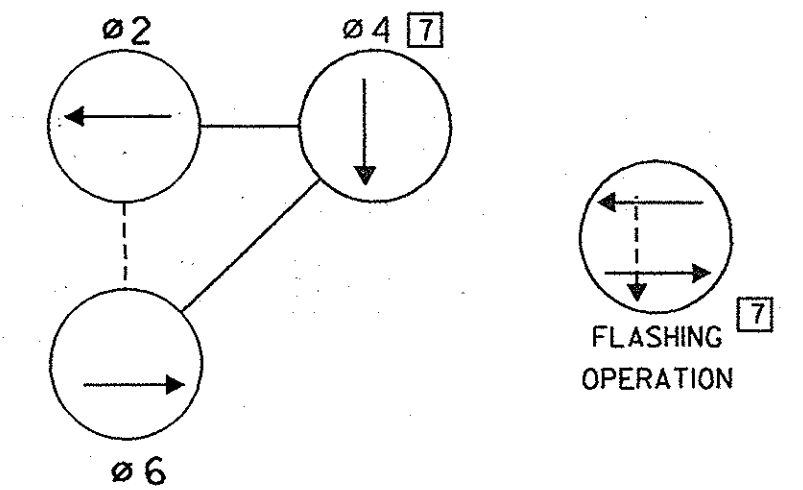
EXISTING SIGNALS



PROPOSED SIGN/SIGNALS



NEMA PHASING

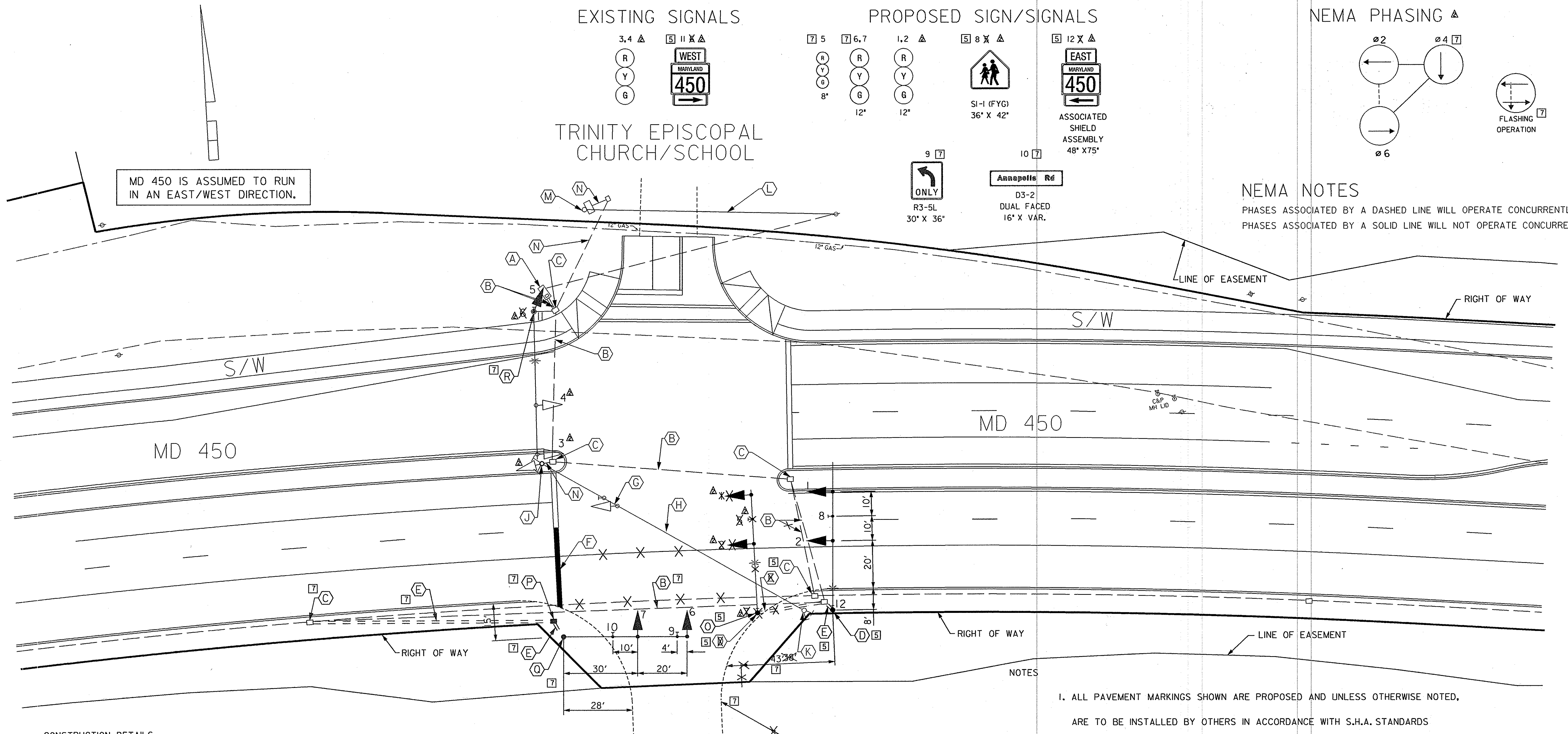


NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

MD 450 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION.

TRINITY EPISCOPAL
CHURCH/SCHOOL



CONSTRUCTION DETAILS:

- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 50 FT. MAST ARM, VEHICULAR SIGNAL HEADS, AND SIGN, AND 20 FT. LIGHTING ARM WITH A 250 WATT HPS LAMP AND LUMINAIRE. ALSO CUT, CLEAN GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE
- INSTALL 3 IN (SCH 80) PVC ELECTRICAL CONDUIT-TRENCHED
- INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKINGS FOR STOP LINE.
- REMOVE TEMPORARY SIGNAL HEAD AND SIGN ON SPAN WIRE.
- REMOVE TEMPORARY SPAN AND TETHER WIRE.
- REMOVE TEMPORARY SIGNAL HEAD AND POLE.
- REMOVE EXISTING POLE.
- REMOVE EXISTING OVERHEAD FEED.
- REMOVE EXISTING CABINET, CONTROLLER, AND POLE.
- CAP AND ABANDON OR REMOVE EXISTING CONDUIT.
- REMOVE EXISTING POLE FOUNDATION.
- INSTALL HANDHOLE.
- INSTALL 27 FT. STEEL POLE WITH 3 IN. ELBOW, 50 FT. MAST ARM, VEHICULAR SIGNAL HEADS, AND SIGN.
- INSTALL SIGNAL HEAD ON EXISTING POLE.

FUTURE
ROADWAY

GEOMETRICS TO BE CONFIRMED BY DEVELOPER PRIOR TO
SETTING EQUIPMENT. CONTACT MR. BUD WORTHINGTON WITH
MID-ATLANTIC BUILDERS AT 301-231-0009, EXT 215.

- ☒ REDLINE NO. 7 5/5/04
☐ REVISION DATE
☒ ADDENDUM #2 10/11/2001

1. ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED,
ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS

ULTIMATE
SIGNAL

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REVISIONS	APPROVALS
5/2003 SIGNAL MODIFICATION DUE TO RECONSTRUCTION ON MD 450	ORIGINAL TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ON ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	FILE CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 450 - MD 193 TO STONYBROOK DRIVE
MD 450 AT TRINITY EPISCOPAL CHURCH/SCHOOL ULTIMATE SIGNAL

DRAWN BY: MB	F.A.P. NO. PG9005571	TS NO. 4114-A	SHEET NO.
CHECKED BY: STB	S.H.A. NO. PRINCE GEORGE'S	T.I.M.S. NO. D 538	4086 OF 545
SCALE: 1"=20'	COUNTY: LOG MILE: 16045011.95		
DATE: OCTOBER 2001			